

N/A

1646

RAW SEQUENCE LISTING DATE: 06/16/2000
 PATENT APPLICATION: US/09/507,242 TIME: 17:49:13

Input Set : A:\Hanes1.app
 Output Set: N:\CRF3\06162000\I507242.raw

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3 <110> APPLICANT: HANES, Steven D.
 4 DEVASAHAYAM, Gina
 5 CHATURVEDI, Vishnu
 7 <120> TITLE OF INVENTION: CAESSI: A CANDIDA ALBICANS GENE, METHODS FOR MAKING AND
 8 USING, AND TARGETING IT OR ITS EXPRESSION PRODUCTS FOR
 9 ANTIFUNGAL APPLICATIONS
 11 <130> FILE REFERENCE: 454311-2200.1
 13 <140> CURRENT APPLICATION NUMBER: 09/507,242
 14 <141> CURRENT FILING DATE: 2000-02-18
 16 <150> PRIOR APPLICATION NUMBER: 60/121,246
 17 <151> PRIOR FILING DATE: 1999-02-23
 19 <160> NUMBER OF SEQ ID NOS: 8
 21 <170> SOFTWARE: PatentIn Ver. 2.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 989
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Candida albicans
 28 <400> SEQUENCE: 1
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 31 tattaaggta gtgtacattt accaaaactt ctctcttttt ctatattctt catcaacaca 180
 32 agattttcgt tgttgccctt tgttgattta tttgtcatca gtttagcttg attctttttg 240
 33 cagtagtata tcatcatggc atcgacatca acaggcttac cacctaattg gacgattaga 300
 34 gtatccagat ccataacaa agagtatttc ttaaaccaat ctaccaatga gtcgtcttgg 360
 35 gacccacctt atggcactga caaagaagta ttgaatgcat acattgcaa gtttaaaac 420
 36 aatgggtaca agccacttgt gaatgaggat ggccagggtta gagtttctca tttgttgatc 480
 37 aagaacaatc aatcaagaaa acccaagtct tgggaagtc cagatgggtat aagtagaact 540
 38 agagacgaat ctatacagat attgaagaaa catttggaat gaattattgag tggtagaggt 600
 39 aaactaagtg aattggcaaa taccgaaagt gattgcagct cacatgacag aggtgggtgat 660
 40 ttagggtttt ttagcaagg acaaatgcaa ccaccattcg aagaagccgc attcaatttg 720
 41 catgttgagg aagtcagtaa cataattgaa accaatagtg gtgtccatat cctccaaaga 780
 42 acaggataaa tcaagatatt ggagtttgat gaaaaatgaa aataaataga gacaagttgt 840
 43 atagatttgg taacaaaaaa agcgatggct cacaaaagtc gaaaactgtg gagagaacat 900
 44 cttaccaggt acacggcgat taaaactcta atcgtcgata tttatataat cggagcgttt 960
 45 ccgcgcattg gttttgtata ttggatcc 989
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 49 <211> LENGTH: 177
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Candida albicans
 53 <400> SEQUENCE: 2
 54 Met Ala Ser Thr Ser Thr Gly Leu Pro Pro Asn Trp Thr Ile Arg Val
 55 1 5 10 15
 57 Ser Arg Ser His Asn Lys Glu Tyr Phe Leu Asn Gln Ser Thr Asn Glu
 58 20 25 30
 60 Ser Ser Trp Asp Pro Pro Tyr Gly Thr Asp Lys Glu Val Leu Asn Ala
 61 35 40 45
 63 Tyr Ile Ala Lys Phe Lys Asn Asn Gly Tyr Lys Pro Leu Val Asn Glu

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64      50      55      60
66 Asp Gly Gln Val Arg Val Ser His Leu Leu Ile Lys Asn Asn Gln Ser
67 65      70      75      80
69 Arg Lys Pro Lys Ser Trp Lys Ser Pro Asp Gly Ile Ser Arg Thr Arg
70      85      90      95
72 Asp Glu Ser Ile Gln Ile Leu Lys Lys His Leu Glu Arg Ile Leu Ser
73      100      105      110
75 Gly Glu Val Lys Leu Ser Glu Leu Ala Asn Thr Glu Ser Asp Cys Ser
76      115      120      125
78 Ser His Asp Arg Gly Gly Asp Leu Gly Phe Phe Ser Lys Gly Gln Met
79      130      135      140
81 Gln Pro Pro Phe Glu Glu Ala Ala Phe Asn Leu His Val Gly Glu Val
82 145      150      155      160
84 Ser Asn Ile Ile Glu Thr Asn Ser Gly Val His Ile Leu Gln Arg Thr
85      165      170      175

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87 Gly

91 <210> SEQ ID NO: 3

92 <211> LENGTH: 20

93 <212> TYPE: DNA

94 <213> ORGANISM: Candida albicans

96 <400> SEQUENCE: 3

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100 <210> SEQ ID NO: 4

101 <211> LENGTH: 20

102 <212> TYPE: DNA

103 <213> ORGANISM: Candida albicans

105 <400> SEQUENCE: 4

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109 <210> SEQ ID NO: 5

110 <211> LENGTH: 20

111 <212> TYPE: DNA

112 <213> ORGANISM: Candida albicans

114 <400> SEQUENCE: 5

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130 <213> ORGANISM: Candida albicans

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138 <212> TYPE: DNA

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139 <213> ORGANISM: Candida albicans

141 <400> SEQUENCE: 8

142 gtcacttgga gaggaaga

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VERIFICATION SUMMARY

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